SHAKIR ALI

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Software Developer with an Associate of Science (Major in Computer Science) and a strong aptitude for learning new technologies. Extensive experience in website rollouts, company-wide application migrations, mobile application development, REST API development, cloud infrastructure (AWS), and modern front-end and back-end frameworks. End-user support, and customer service. Passionate about performance optimization, scalable architectures, and innovative problem-solving.

Skills and Technologies

- **Programming**: JavaScript, Java, C++, Python
- **Front-End Development**: React.js, Tailwind CSS, HTML, CSS, TWIG, Symfony, JSX, EJS
- **Back-End Development**: REST APIs, Java Spring MVC, Node.js, Express.js, Firebase, PHP, JAX-RS
- **DevOps & Cloud**: AWS, Azure, CI/CD Pipelines, Git, Linux
- **Multimedia Processing**: Android NDK, FFmpeg, GStreamer
- **Database Management**: SQL, NoSQL (MongoDB, Cloud Firestore)
- **Soft Skills**: Quick Adaptation, Team Collaboration, Problem-Solving, Customer Service

Professional Experience

Community Support Worker | Burnaby Association for Community Inclusion   May 2025-Present

Software Developer | shakirali.ca   July 2022- Present

- Developed SEC fillings parser in Express/EJS.
- Separated the front end to ReactJS
- Adding GraphQL to serve data on the backend
- Working on LandingPage and DevOps Tasks.

Software Developer | Innovibe   Feb 2022 – June 2022

- Led the front-end development for a block-chain enabled fundraising platform, ensuring responsive and scalable UI components
- Contributed significantly to the development of a social media platform, integrating real-time features
- Technologies Used: React.js, Tailwind CSS, Firebase, JavaScript, git

Contract Software Engineer | Self-Employed   Sept 2016 – Feb 2018

- Developed a GStreamer application to process HD 360 video and audio streams efficiently
- Delivered an Android application for first responders to view and control live 360 video feeds
- Technologies Used: Android NDK, FFmpeg, GStreamer, Java, Linux, nginx, git

Web Developer | ACD Systems   Sept 2014 – Dec 2015

- Revamped Android application architecture, optimizing performance and API compatibility
- Integrated EXIF tagging and third-party cloud synchronization for media storage
- Migrated an organization-wide bug-tracking system to AWS

- Developed a JAX-RS+SQL REST API to replace a legacy Node.js+noSQL system
- Technologies Used: REST APIs, Java, Node.js, MongoDB, AWS, Symfony, Twig, Tomcat

Education

Associate of Science in Computer Science   Sept 2015 – Aug 2017

Langara College - Vancouver, Canada

Additional IT Experience

Deskside Support Technician | Tata Consultancy Services   Jan 2024 – March 2025

- Provided remote IT support, maintained a personal knowledge base, and resolved issues within SLA
- Conducted conference room checks and automated ticket updates and resolution using tools
- Technologies Used: Microsoft OneNote, Bitlocker, ServiceNow, Active Directory

Site-Support Technician | Vendorpass   Dec 2022 – Sept 2023

- Provided on-site IT support at an industrial plant, troubleshooting critical equipment
- Resolved a plant-wide telephony outage and reduced ticket backlog by 80% with team efforts
- Technologies Used: Avaya Telephony, Network Support, Microsoft Teams, BitLocker, Active Directory, NetScout

Interests

Problem Solving, Optimization, Daily Improvement, Resilience, Cooking